

## Abstract

## Energy-saving device for a rail vehicle

The invention relates to a device (5) for a rail vehicle having a control unit (10) which calculates a deactivation time starting from which the rail vehicle promptly reaches in a non-driven fashion the next stopping point respectively provided according to the timetable, while keeping to the timetable, using a location measuring value (S) specifying the location of the rail vehicle, stored route data, a measured time value (t) specifying the respective time, a stored timetable, a speed measured value (V) specifying the speed of the rail vehicle and coasting data which describe the coasting behavior of the rail vehicle when the drive is deactivated.

In order to be able to reliably save travel energy even when there are operating faults, the invention provides for the device (5) to have a data input (E5) at which a timetable modification variable ( $\Delta t$ ) can be input into the device (5), and that the control unit (10) is configured in such a way that it forms the deactivation time taking into account this timetable modification variable ( $\Delta t$ ).

Fig.